

A3  
36. (New) A method according to Claim 21, wherein one or more of the non-anionic organic polymers is selected from the group consisting of polyurethanes, polyamides, polyesters, polycarbonates, polyepoxides and polyolefins.

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REMARKS

It is respectfully requested that the above amendments be entered prior to calculation of the filing fee and prior to examination. No new matter has been inserted.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #817/49649CO).

Respectfully submitted,

[Put date here]



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Herbert I. Cantor

Registration No. 24,392

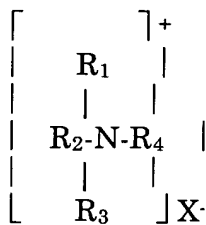
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**APPENDIX**  
**IN THE CLAIMS**

Please amend Claims 2-6 as follows:

--2. (Amended) The [composition] rheological additive of Claim [1] 17, wherein one or more of the smectite clays [are] is selected from the group consisting of bentonite and hectorite.

3. (Amended) The [composition] rheological additive of Claim [6 or 7] 17, wherein one or more of the quaternary ammonium compounds has the formula:



wherein R<sub>1</sub> comprises a group selected from (i) linear or branched aliphatic, aralkyl, or aromatic hydrocarbon groups having from 8 to 30 carbon atoms or (ii) alkyl or alkyl-ester groups having from 8 to 30 carbon atoms; R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> are independently selected from the group consisting of (a) linear or branched aliphatic, aralkyl and aromatic hydrocarbon, fluorocarbon or other halocarbon groups having from 1 to about 30 carbon atoms; (b) alkoxylated groups containing from 1 to about 80 moles of alkylene oxide; (c) amide groups; (d) oxazolidine groups, (e) allyl, vinyl, or other alkenyl or alkynyl groups possessing reactive unsaturation and (f) hydrogen; and X<sup>-</sup> comprises an anion selected from the group consisting of chloride, methyl sulfate, acetate, iodide and bromide.

4. (Amended) The [composition] rheological additive of Claim [6 or 7] 17, wherein one or more of the quaternary ammonium compounds comprises a quaternary ammonium compound that contains at least one hydrocarbon chains having from about 8 to about 30 carbon atoms and has either no hydrophilic carbon chains or has hydrophilic radicals having a total of about 9 moles of ethylene oxide or less.

5. (Amended) The [composition] rheological additive of Claim [6 or 7] 17, 18, or 19, wherein one or more of the quaternary ammonium compounds is selected from the group consisting of 2M2HT and M2HES.

6. (Amended) The [composition] rheological additive of Claim [1] 17, 18, or 19, wherein one or more of the non-anionic organic polymers [are] is selected from the group consisting of polyurethanes, polyamides, polyesters, polycarbonates, polyepoxides and polyolefins.--

Please cancel Claims 7-16 without prejudice or disclaimer.

Please amend Claim 17 as follows:

--17. (Amended) A rheological additive for liquid organic systems comprising an ion-exchanged reaction product produced by the intercalation and reaction of:

(a) one or more smectite clays;

(b) one or more quaternary ammonium compounds in an amount from about 100% to about 200% of the cation exchange capacity of the smectite clay;

and

(c) one or more non-anionic organic [materials] polymers.--

- 5. Cancel original claims .
- 6. Small entity status:
- a. — A small entity statement is enclosed
- b. — A statement of small entity status (copy attached) was filed on — in the prior application and status as a small entity is still proper and desired.
- c. — Is no longer claimed
- X 7. The filing fee is calculated below:

**CLAIMS AS FILED, INCLUDING ANY CLAIMS  
CANCELLED OR ADDED BY PRELIMINARY AMENDMENT**

Basic Fee					<u>\$370</u>	<u>\$740</u>
Total Claims	<u>29</u>	-	<u>20</u>	= <u>9</u>	x	9 = \$
Ind. Claims	<u>1</u>	-	<u>3</u>	=	x	42 = \$
<u>2</u>	Multiple Dependent Claims				+	140 = \$
						280 = \$280
					Total	\$
						<u>\$1182</u>

- X 8. Please charge my Deposit Account No. 05-1323 (Docket #817/49649CO) in the amount of \$1182.00.
- 9. A check in the amount of \$— to cover the filing fee is enclosed.
- X 10. The Commissioner is authorized to charge any fee which may be required under 37 CFR 1.16 or 37 CFR 1.17 or credit any overpayment to Deposit Account No. 05-1323 (Docket #817/49649CO).
- X 11. Amend the specification by inserting before the first line the sentence: -- This application is a continuation of application Serial No. 09/064,216, filed April 22, 1998.--
- 12. Priority of Appln. No(s). —, filed in — on —, is hereby claimed under 35 U.S.C. 119.
- 13. A certified copy of each said priority document was filed in application Serial No. — on —.
- X 14. The prior application is assigned of record to Rheox, Inc..
- X 15. The power of attorney in the prior application is to:

Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169.

X a. The power appears in the original application papers in the prior application.

X b. Since the power does not appear in the original application papers, a copy of the power in the prior application is enclosed.

— c. Attached is a duplicate of a Supplemental Declaration which was filed in the prior application to overcome informalities.

X d. Address all future correspondence to:

CROWELL & MORING, L.L.P.  
P.O. Box 14300  
Washington, DC 20044-4300

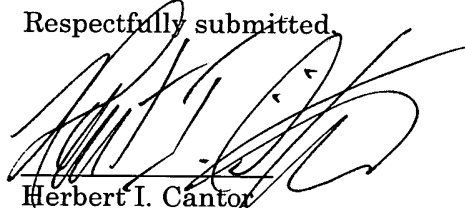
X 16. Forms PTO-892 and PTO-1449 listing prior art made of record in the prior application are attached. A copy of each of the listed references should be available in the prior application file.

X 17. A Preliminary Amendment is being filed herewith.

X 18. Return Receipt Postcard.

— 19. Other: —

Respectfully submitted,



Herbert I. Cantor  
Registration No. 24,392

December 14, 2001

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